

Appln No. 10/518,426
Amdt date September 25, 2008
Reply to Office action of June 26, 2008

REMARKS/ARGUMENTS

Claims 1-14 are now pending in the application. Claims 1, 2 and 4 have been amended, and Claims 7-14 are newly added. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

CLAIM OBJECTIONS

Claims 1 and 4 stand objected due to certain informalities contained therein.

The Applicant has amended Claims 1 and 4 to correct the informalities pointed out by the Examiner.

The Applicant also corrects an inexact translation, i.e., the “interference counteraction” is corrected to be “interference cancellation.”

In addition, the Applicant has amended certain portions of Claim 2 to better set forth the subject matter being claimed.

REJECTION UNDER 35 U.S.C. § 112

Claim 1 stands rejected under 35 U.S.C. § 112 as being indefinite.

Applicant has amended Claim 1 to recite functional steps.

Applicant also amended Claim 1 to clearly point out that each one of the diversity signals is transmitted using a corresponding antenna, which is disclosed in Figure 2 and related descriptions of the description as originally filed.

ALLOWABLE SUBJECT MATTER

Applicant thanks the Examiner and acknowledges the allowance of claims 1-6.

NEW CLAIMS 7-14

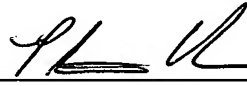
New dependent Claim 7 is dependent from Claim 1, and because Claim 1 is allowable, the Applicant respectfully submits that Claim 7 should also be allowable.

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New independent Claims 8 and 10 are based on current Claim 1, and respectively recite a space-time encoding method and a space-time decoding method for a frequency selective fading channel. The Applicant respectfully believes Claims 8-14 are also allowable.

In view of the foregoing, the Applicant has amended Claims 1, 2 and 4 to correct the informalities as suggested by the Examiner, and the Applicant believes that Claims 1-14 are allowable. As such, the Applicants respectfully submit that Claims 1-14 are in condition for allowance. Reconsideration and withdrawal of the rejections are respectfully requested, and a timely Notice of Allowability is earnestly solicited. If there are any remaining issues that can be addressed over the telephone, the Examiner is encouraged to call the Applicants' attorney at the number listed below.

Respectfully submitted,
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